

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2000-239182

(43)Date of publication of application : 05.09.2000

(51)Int.Cl.

A61K 38/22  
A61P 29/00

(21)Application number : 11-041664

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(22)Date of filing : 19.02.1999

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## (54) ANTIINFLAMMATORY AGENT

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To obtain an antiinflammatory agent that suppresses inflammatory cytokines by containing a hepatocyte growth factor (abbreviated to HGF).

**SOLUTION:** This antiinflammatory agent includes HGF. This HGF originates from human, a recombinant HGF, and suppresses inflammatory cytokines manifesting in tissues, for example, IL-1, IL-2, IL-4, IL-5, IL6, IL-8, IL-13, IL-16, IL-17, IL-1 $\beta$ , IL-1 $\alpha$ , GM-CSF, TNF- $\alpha$ , TGF- $\beta$ , EGF, FGF, PDGF, IFN- $\alpha$ , MCP-1, RANTES). The HGF is obtained by isolating a natural HGF from the body fluid or tissues of mammals, for example, human, rat, or the like that have been known to have the HGF or from the cells producing HGF spontaneously. A daily dose of the HGF is 1  $\mu$ g/kg-10 mg/kg calculated as effective HGF.

## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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